

## Model # NHP-W60



## INFRARED MULTIMEDIA HEADPHONE SYSTEM

## INSTRUCTION MANUAL

PLEASE READ BEFORE USING THIS EQUIPEMENT



## INTRODUCTION

Congratulations! You are now able to experience audio/video with a high tech Infrared Wireless Headphone System. This system frees you from the tangle of headphone wires and lets you enjoy audio/video without dragging a headphone cable behind you. To ensure the best performance, please read the following manual carefully.

## SPECIAL FEATURES

- High frequency, adjustable tilt design transmitter sends infrared signal from your audio/video source to the ergonomically Nintendo styled headphones for clean, clear reception for up to 25ft.
- Digital compatible, and with automatic level control prevents overloading over a wide range of input signal.
- Special Mute Circuit shuts off all sound when you travel outside the transmitting range.

## EXPLANATION OF CONTROLS

### TRANSMITTER:

- 1) Power On/Off switch - Turns on transmitter.
- 2) 8 high-power INFRARED LEDs - Transmits signal to headphones for optimum room coverage.
- 3) DC INPUT JACK - Inputs DC power to transmitter.
- 4) 3.5mm STEREO JACK - Inputs audio signal.
- 5) RCA JACK-Optional signal input.
- 6) MINI PLUG JACK

**NOTE:** For TV use, connect RCA JACKS to TV and the MINI PLUG to TRANSMITTER. For computer use, connect MINI PLUG to computer and the RCA PLUGS to TRANSMITTER.

### HEADPHONE RECEIVER:

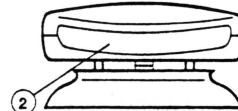
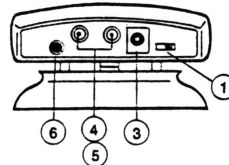
- 7) TWIN INFRARED SENSORS - Receives Infrared signal from Transmitter.
- 8) BATTERY COMPARTMENT
- 9) VOLUME CONTROL
- 10) POWER ON/OFF SWITCH
- 11) POWER ON/OFF LED INDICATOR
- 12) ADJUSTABLE HEADBAND

## INSTALLATION

1. Connect the stereo signal to the Transmitter with the adapter cord- *fig.2*
2. Insert the supplied AC ADAPTER plug into the INPUT JACK- *fig. 1(3)* on the back of the Transmitter. Then plug the ADAPTER module into a standard wall outlet.
3. Place 2-AAA batteries (included) into the battery compartment of the HEADPHONE as shown in *fig. 3*. Make sure that the battery polarity is correct when inserting into compartment.

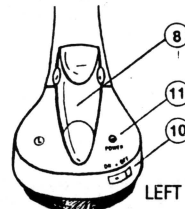
**Note:** When batteries are low the LED will not go "ON" and the MUTE FUNCTION becomes inoperable. Please replace the batteries to restore quality of sound.

## TRANSMITTER

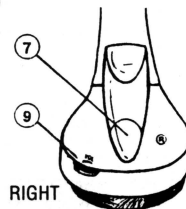


## RECEIVER

Fig. 1



LEFT



RIGHT



MINI PLUG



DUAL RCA PLUGS

Fig. 2

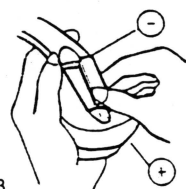
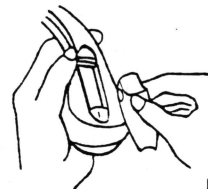
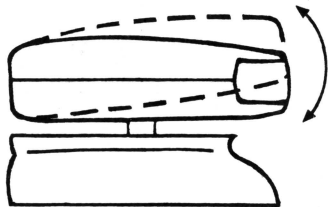


Fig. 3



Three position tilt base. Transmitter easily snaps in and out of base.

### OPERATION

1. Switch the Transmitter "ON" and place in a position that is slightly lower or approximate in height to your listening level when wearing the HEADPHONES.
2. Face the TRANSMITTER LED towards your listening area with no obstructions between you and the device.
3. Switch the HEADPHONE "ON".
4. Adjust the HEADPHONE volume to a level approximately greater than halfway.
5. Adjust the source volume on your equipment to a maximum acceptable sound level.
6. Lower the volume of the HEADPHONES to a comfortable listening level.

**NOTE:** This unit works with Infrared technology. Therefore, the headphones are designed to operate only within the room where the transmitter is placed.

### POSITIONING TIPS FOR TRANSMITTER

- Place the Transmitter's Infrared Window towards the central direction of your listening area.
- Because Infrared Signals travel in straight lines, the Transmitter should be at the same height or slightly lower than the expected height of the users Headphones.
- Sunlight and strong light sources, such as incandescent indoor lighting may degrade the audio signal and cause interference. If such problems occur, simply move the transmitter to a darker area.
- Avoid placing the Transmitter towards room windows, as the infrared rays may escape instead of reflecting off the walls of a room.

**NOTE:** For optimum operation within the room, infrared light reflects best on light colored surfaces.

P/N : R907760001

**SYSTEM:**  
**CARRIER FREQUENCY:**

INFRARED  
LEFT CHANNEL 2.3mHz  
RIGHT CHANNEL 2.8mHz  
Frequency Modulation  
300mV RMS

**MODULATION:**  
**INPUT LEVEL:**  
**POWER SUPPLY**

TRANSMITTER: 12Vdc, 200mA (AC ADAPTER)  
RECEIVER: 2x 1.5V UM-4 "AAA" Batteries  
**OUTPUT IMPEDANCE:** 40 Ohms  
**FREQUENCY RESPONSE:** 35-18,000Hz  
**S/N RATIO:** 60db  
**DISTORTION:** 0.5% THD  
**CHANNEL SEPARATION:** 45db

**BRAND:** Nintendo **MODEL:** NHP-W60

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

**WARNING:** Changes or modifications to this unit not expressly approved by the party responsible for the compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- Consult the dealer or an experienced radio/TV technician

### LARAL LIMITED WARRANTY

For a period of one year from date of purchase, Laral warrants that the products sold hereunder will be free from defects in materials and workmanship. This warranty only applies to this unit. Laral cannot be responsible for losses or damages of any kind resulting from or in equipment failure. This warranty does not cover damage or failure caused by or attributed to Acts of God., abuse, misuse, improper or abnormal usage's, faulty installation, improper maintenance, units purchased or serviced outside the United States, units which have been modified or incorporated into other products, lightning or other incidence of excessive voltage or any repairs other than those provided by Laral, or transportation costs.

In the event of defect, malfunction or failure of the unit to conform with this warranty, Laral will repair or furnish replacement for those units or components thereof which, upon test and examination by Laral, prove defective.

THIS WARRANTY IS LIMITED SOLELY TO THE ABOVE AND THIS WARRANTY AND ANY WARRANTIES IMPLIED BY STATE LAW WILL APPLY ONLY FOR THE PERIOD SET FORTH. (SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU) THE WARRANTOR WILL NOT BE LIABLE FOR ANY LOSS, DAMAGE, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, WHETHER BASED UPON WARRANTY, CONTRACT OR NEGLIGENCE AND ARISING IN CONNECTION WITH THE SALE, USE OR REPAIR OF THE PRODUCT (SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.) UNLESS OTHERWISE CONTRARY TO STATE LAW GOVERNING THE PURCHASE, THE WARRANTOR'S LIABILITY SHALL NOT IN ANY CASE EXCEED THE CONTRACT PRICE FOR THE PRODUCT CLAIMED TO BE DEFECTIVE OR UNSUITABLE.

This warranty gives you specific legal rights and may also have other rights which vary from state to state.

### IN WARRANTY REPAIR

- 1) The purchaser or end user must notify Laral within 30 days after the defect is discovered.
- 2) The product claimed to be defective must be packed so as to avoid damage in transit and must be sent prepaid to Laral.
- 3) The user must enclose proof of purchase and a return address.
- 4) Laral will replace or repair the unit and return it, prepaid freight.

### OUT OF WARRANTY REPAIR

- 1) For repair of an Out of Warranty product, follow steps 1 and 2 of the In-Warranty Repair (above).
- 2) The user must enclose a return address and daytime telephone number so that Laral can contact the user with regard to the Out of Warranty service charge.

Laral reserves the right to substitute product of equal or greater value, as they deem necessary. Products returned for repair, or any questions should be sent to:

**Laral Group LLC**  
**500 Eastern Parkway, Farmingdale, NY 11735**  
**1-888-229-2118 • 516-293-6900**

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